## UTILITY PATENT APPLICATION **TRANSMITTAL**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. MERCK-2834 Attorney Docket No. First Inventor Harld HIRSCHMANN et al. 1,4-Di-(trans-4-Cyclohexyl)benzene Derivatives and Their Use in Liquid Crystal Media and Liquid Crystal Devices Express Mail Label No.

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

				<u></u>	<u>.                                      </u>					
See MPED	APPLICATION E		tonts.	ADDR	ESS TO	Box Patent	Commissioner for Patents Application			
See MPEP chapter 600 concerning utility patent application contents.  1.  Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  2.  Applicant claims small entity status. See 37 CFR 1.27.  3.  Specification [Total Pages 68 ] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings ( if filed) - Detailed Description					Washington, DC 20231  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 C.F.R.§3.73(b) Statement Power of					
	Claim(s) Abstract of the Disclosure			11. 🔲	•	re is an assigno anslation Docu	ee) Attorney ument (if applicable)			
5. Oath or  a.  b.  i.  6.  App  18. If a CON or in an App Prior app For CONTIN under Box 5	olication Data Sheet under 37 C inuation Divisional plication information: Exa NUATION or DIVISIONAL APPS 5b, is considered a part of the d	Information Disclosure Statement (IDS)/PTO-1449 Citations Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other:  of prior application No:  Group / Art Unit:  application, from which an oath or declaration is supplied ional application and is hereby incorporated by reference. omitted from the submitted application parts.								
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Name (Pr	rint/Type) Brion P. Hea	aney		Registratio	n No. (Attor	ney/Agent)	32,542			
Signature		Mh	_			Date	February 13, 2004			
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South House the second of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Transmark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (11-00) Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## **FEE TRANSMITTAL** for FY 2003

Patent fees are subject to annual revision.

810

TOTAL AMOUNT OF PAYMENT

		Complete if Known			
	Application Number	New			
	Filing Date	February 13, 2004			
	First Named Inventor	Harald HIRSCHMANN et al.			
	Examiner Name	Unassigned			
1	Group / Art Unit	Unassigned			
-	Attorney Docket No.	MERCK-2834			

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METHOD OF PAYMENT (check one)			FEE CALCULATION (continued)							
1. ⊠	The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:			3. ADDITIONAL FEES						
<b>.</b> . –	indicated	rees and credit any	over payments t	to:		Large Entity		Small Entity		
<b>.</b> .,		<del></del>			Fee	Fee	Fee	Fee		Fee
Deposit Account	13-3402				Code	(\$)	Code	(\$)	Fee Description	Paid
Number	13-3402			1	1051	130	2051	65	Surcharge - late filing fee or oath	
					1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
Deposit Account	14:11 14/1	hita 7alaaa 8 Oassi	D.C		1053	130	1053	130	Non-English specification	
Name	Millen, Wi	hite, Zelano & Branig	jan, P.C.						• ,	-
	ny Additional F	Fee Required			1812	2,520	1812	2,520	For filing a request for reexamination	
Under 3	7 CFR 1.16 and	d 1.17			1804	920*	1804	920°	Requesting publication of SIR prior to Examiner action	
See 37	t claims small				1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
2. ⊠ Paym	ent Enclosed:				1251	110	2251	55	Extension for reply within first month	
⊠ Check	Crodit 4	and Unner	☐ Other	_	1252	410	2252	205	Extension for reply within second	
☑ Check	☐ Credit o	card	☐ Other						month	
	FE	E CALCULATION			1253	930	2253	465	Extension for reply within third month	
1. BASIC F	ILING FEE	•			1254	1,450	2254	725	Extension for reply within fourth month	
Large Entity	Small Enti	ity			1255	1,970	2255	985	Extension for reply within fifth month	
Fee Fee	Fee Fee	Fee Descriptio			1401	320	2401	160	Notice of Appeal	
Code (\$)	Code (\$)			e Paid	1402	320	2402	160	Filing a brief in support of an appeal	
1001 750	2001 375	Utility filing fee	77	0	1403	280	2403	140	Request for oral hearing	
1002 330 1003 520	2002 165 2003 260		•		1451	1,510	1451	1,510	Petition to institute a public use	
1004 750	2004 375						0.50		proceeding	$\vdash$
1004 750	2004 373	•	<b>}</b>		1452	110	2452	55	Petition to revive – unavoidable	
1005 160	2005 60	Provisional fillin	g iee		1453	1,300	2453	650	Petition to revive – unintentional	$\square$
	SUBTO	OTAL (1)	(\$)	770	142	1,300	242	650	Utility issue fee (or reissue)	
	. 00511	OTAL (1)	<u></u>		1502	470	2502	235	Design issue fee	
2. EXTRA CLA	IM FEES				1503	630	2503	315	Plant issue fee	
	•	Extra	Fee from	Fee	1460	130	1460	130	Petitions to the Commissioner	
Total Claims 1	7 -20**	Claims x	below = [	Paid 0	1807	130	1807	130	Petitions related to provisional applications	
Independent Claims 3	-3**	= 0 x			1806	180	1806	180	Submission of Information Disclosure Stmt	
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Multiple Dependent		· x	= [	0	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
Large Entit	y Small E	Entity			1809	750	2809	375	Filing a submission after final rejection	$\vdash$
Fee Fee Code (\$)		Fee Fee Descrip	tion						(37 CFR § 1.129(a))	
1202 18		9 Claims in ex	cess of 20		1810	750	2810	375	For each additional invention to be	
1202 18			claims in exces	es of 3	I				examined (37 CFR § 1.129(b))	
1201 84		•	endent claim, if		1801	750	2801	375	Request for Continued Examination (RCE)	
1203 280	2203		endent clatm, ir i idependent clair	•	1802	900	1900	900		<b> </b>
1204 84	2204	original pate	nt `		1802	900	1802	900	Request for expedited examination of a design application	
1205 18	2205	9 *** Reissue c over original	laims in excess patent	of 20 and						
. SÚBTOTAL (2) (\$) 0					Other fee (specify)					
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	•	•			*Reduc	ed by Ba	sic Filin	g Fee Pa	aid SUBTOTAL (3) (\$) 40	
or number prev	**or number previously patd, if greater, For Reissues, see above									

(	SUBMITTED BY .		Complete (if applicable)			
l	Name (Print/Type) · ·	Brion P. Heaney	Registration No. Attorney/Agent)	32,542	Telephone	(703) 243-6333
	Signature	19/1	hus		Date	February 13, 2004

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